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APPLICANT:

Haines et al.

SERIAL NUMBER:

10/621,802

EXAMINER:

Fay, Zohreh A.

FILING DATE:

July 16, 2003

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For:

ANTI-INFLAMMATORY FORMULATIONS

Boston, Massachusetts

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION OF STEVEN G. PRATT UNDER 37 C.F.R §1.132

- I, Steven G. Pratt, declare and state as follows:
- 1. I am a co-inventor of the invention claimed in the above-referenced application.
- 2. I received a M.D. degree from Jefferson Medical School in 1975 and currently serve as the Director of the La Jolla Vision Research Lab. I hold academic appointments at Scripps Memorial Hospital, Pomerado Hospital, Scripps Clinic, Mercy Hospital, and San Diego Children's Hospital and serve as a senior staff ophthalmologist at Scripps Memorial Hospital. I have been involved in research relating to ophthalmic disorders and nutrition as it relates to eye health for over 20 years and have published extensively on these subjects in peer-reviewed medical journals, books, and in the popular press. I have been internationally recognized as a leading authority on diet, nutrition, and eye care (curriculum vitae and bio attached).

- 3. I have read the Office Action mailed on July 25, 2005 and am familiar with the Examiner's grounds of rejection for obviousness for obviousness over Gorsek et al. in view of Guivarc'H.
- Under my direction, clinical studies have been carried out to determine the effect 4. the claimed compositions on reducing inflammation of ocular tissue associated with dry eye syndrome. The signs and symptoms of dry eye in a controlled adverse environment were evaluated before, during, and after 10-weeks of treatment with compositions described and claimed in the above-referenced patent application. Twenty-four subjects with a history of dry eye participated in the study for approximately thirteen weeks. An anti-inflammatory nutritional supplement containing a carotenoid and polyphenol that is co-administered with an omega-3 fatty acid composition (collectively referred to as Dry Eye Oral Supplement) was tested. The study protocol included the claimed composition ("Dry Eye Oral Supplement") orally administered and a "Placebo Multivitamin" orally administered. Subjects in the Dry Eye Oral Supplement group were co-administered the claimed carotenoid/polyphenol composition (exemplary formula listed in Table A of the specification) together with an omega-3 fatty acid composition, and the subjects in the Placebo Multivitamin group received Centrum multivitamin composition (no omega-3 fatty acid supplements were administered to this group). Prior to administration of test and control compositions, subjects were evaluated over a period of 3 weeks to establish a baseline. A double-masked, randomized, multivitamin-controlled, parallel-group, 5-visit, single center, 10-week controlled adverse environment (CAE) study was then conducted. Ophthalmic examinations and follow-up CAE challenges took place at weeks 3, 6, and 10.

5. Twenty-three dry eye patients completed the study. Patients reported symptom scores (0-4 on a standardized scale) as shown below.

Mean Total Discomfort during 90-minute CAE exposure

Treatment	Base- line	p- value	Week 3	p- value	Week 6	p- value	Week 10	p- value
Dry Eye Oral Suppl.	3.05	0.195	2.86	0.482	2.44	<0.0001	2.32	<0.0001
Multivitamin Placebo	3.13	0.195	2.72	0.482	3.02	<0.0001	2.91	<0.0001

Mean Total Discomfort during 90-minute CAE Exposure - Change from Baseline

Treatment	Week 3	p-value	Week 6	p-value	Week 10	p-value
Dry Eye Oral Suppl.	-0.19	0.1654	-0.61	<0.0001	-0.73	<0.0001
Placebo	-0.41	0.1654	-0.11	< 0.0001	-0.22	< 0.0001

6. In addition to subjects' personal assessment of pain/discomfort during CAE exposure, lid edema and lid margin capping were assessed as a measure of ocular inflammation. Lid edema was graded on a standardized 0-4 scale (0 = none; 4 = severe). Thirteen eyes (7 in Dry Eye Oral Supplement group, 6 in Placebo Group) presented at baseline with lid edema >0 (0-4 scale). After 10 weeks of treatment 71% of eyes in Dry Eye Oral Supplement Group showed total clearing of lid edema, compared with no clearing compared to baseline edema in the Placebo Group. Lid margin capping was also evaluated and assessed as "absent" or "present. At baseline, lid margin capping was present in 6 eyes (4 in Dry Eye Oral Supplement group, 2 in

Placebo Group). After 10 weeks of treatment, capping cleared in 2 out of 4 eyes (50%) in the Dry Eye Oral Supplement Group, while none (0 out of 2 eyes) cleared in the Placebo Group.

7. Inflammation is universally recognized as the primary cause of dry eye. The results of this study prove that an ocular anti-inflammatory effect is achieved with oral intake of Dry Eye Oral Supplement. The data indicate that the Dry Eye Oral Supplement was significantly and surprisingly more effective than Placebo for the treatment of ocular inflammation associated with Dry Eye in the CAE model. The combination of the carotenoid/polyphenol with omega-3 fatty acids provided a very effective anti-inflammatory effect. The striking level of reduction of patient discomfort, and significant decrease in objective indicia of ocular tissue inflammation combined with a favorable safety profile makes this composition ideal for administration to patients with dry eye syndrome.

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8. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by a fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date 1/12/05

Steven G. Pratt, M.D.

Steven G. Pratt, MD., F.A.C.S. is a Board Certified Ophthalmologist and a Fellow of the American College of Surgeons. He is a recognized world authority on the prevention of eye disease – particularly macular degeneration -- and has been widely published in peer review journals. Dr. Pratt lectures nationally and internationally on the benefits of a diet based on the synergy of consuming whole foods and adopting healthy lifestyle choices as a means to prevent all major chronic diseases. He is the author of *The New York Times* bestseller SUPERFOODS Rx: Fourteen Foods That Will Change Your Life, which, to date, been translated into 15 languages throughout the world. Dr. Pratt has appeared on most national media including "Today," "Oprah" (where he is known as "Our Food Dude"), and "The View." As a result, Dr. Pratt is regarded by the medical community and the general public as the pre-eminent voice for cutting edge nutrition and health.

Dr. Pratt was born in Los Angeles, California and completed his undergraduate studies at the University of Southern California. He attended Jefferson Medical College under a United States Naval Scholarship, and is proud of his 26 year affiliation with the United States Navy. Dr. Pratt completed his internship and ophthalmology residency at the United States Naval Hospital, San Diego, California. He completed his fellowship training in ophthalmic plastic and reconstructive surgery at The Harvard Medical School.

Dr. Pratt currently serves as a senior staff ophthalmologist at Scripps Memorial Hospital in La Jolla, California. He helped create the Ophthalmic Plastic Surgery Department at the University of California, San Diego and remains on the Medical School's staff as an Assistant Clinical Professor. He has been voted "One of San Diego's Top Doctors" by his San Diego peers.

A resident of Southern California, Dr. Steven Pratt, along with his wife Patti, has raised four children in a lifestyle based dedicated to health and well-being. His deep faith in the power of Nature has also contributed to his interests in organic gardening and wildlife conservation.

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CURRICULUM VITAE

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DATE OF BIRTH: NOVEMBER 2, 1945

CITIZENSHIP: UNITED STATES OF AMERICA

SEX: MALE

MARITAL STATUS: MARRIED

SPOUSE'S FIRST NAME: PATRICIA

CHILDREN: MICHAEL DOB: OCTOBER 12, 1971

TYLER DOB: FEBRUARY 28, 1974
TOREY DOB: FEBRUARY 9, 1976
BRIAN DOB: NOVEMBER 7, 1984

EDUCATION AND TRAINING

HIGH SCHOOL: CRESCENTA VALLEY HIGH SCHOOL

LA CRESCENTA, CA

1963

COLLEGE: UNIVERSITY OF SOUTHERN CALIFORNIA

LOS ANGELES, CALIFORNIA

B.A. HISTORY, 1967

UNIVERSITY OF SOUTHERN CALIFORNIA GRADUATE SCHOOL OF BUSINESS ADMIN.

M.B.A. PROGRAM

SEPTEMBER 1968 – JANUARY 1969 (NO DEGREE)

UNIVERSITY OF SOUTHERN CALIFORNIA

DENTAL SCHOOL

SEPTEMBER 1969 - MARCH 1970 (NO DEGREE)

MEDICAL SCHOOL:

JEFFERSON MEDICAL COLLEGE PHILADELPHIA, PENNSYLVANIA

1971- 1975 M.D. DEGREE

INTERNSHIP:

NAVAL HOSPITAL

ROTATING INTERNSHIP

DR. DOUG BOYDEN - PROG. DIR.

SAN DIEGO, CALIFORNIA JULY 1975 – JUNE 1976

MEDICAL OFFICER:

U.S.S. SPERRY,

JULY 1976 - JUNE 1977

RESIDENCY:

OPHTHALMOLOGY

NAVAL HOSPITAL

DR. JAMES SUMMTT - PROG. DIR.

SAN DIEGO, CALIFORNIA JULY 1977 – JUNE 1980

POSTGRADUATE TRAINING:

STANFORD BASIC SCIENCE COURSE

OPHTHALMOLOGY
PALO ALTO, CALIFORNIA
JULY – AUGUST 1978

OPHTHALMOLOGY PATHOLOGY

ARMED FORCES INSTITUTE OF PATHOLOGY

WASHINGTON, D.C. OCTOBER 1979

FELLOWSHIP:

OPHTHALMIC PLASTIC & RECONSTRUCTIVE

SURGERY, ORBITAL DISEASE AND SURGERY

MASSACHUSETTS EYE AND EAR INFIRMARY

BOSTON, MASSACHUSETTS

CHARLES BEYER, M.D. - PROGRAM DIR.

JULY 1980 - JUNE 1981

POST-FELLOWSHIP:

STAFF OPHTHALMOLOGIST & HEAD OF

OCULOPLASTIC SERVICE NAVAL HOSPITAL, S.D., CA. JAMES SUMMTT M.D.

1981-1985

HEAD OF OCUPLASTIC SERVICE UNIV. OF CALIF, SAN DIEGO DEPT OF OPHTHALMOLOGY

1985-1993

LA JOLLA LASER VISION AND EYE CENTER

1985-PRESENT

HONORS AND AWARDS

VOTED AS ONE OF SAN DIEGO'S BEST DOCTORS FOR

2003, AS SEEN IN SAN DIEGO MAGAZINE

UNIVERSITY OF SOUTHERN

CALIFORNIA:

LETTERED ONE YEAR FRESHMAN CREW AND

THREE YEARS VARSITY RUGBY

ALL-WEST COAST RUGBY TEAM SELECTEE 1967

DEAN'S LIST 1966-1967

GRADUATE CUM LAUDE 1967

DENTAL SCHOOL:

RANKED 10 OUT OF 117

DEAN'S LIST 4/5 TRIMESTERS

MARSH ROBINSON STUDY CLUB IN ORAL SURGERY,

ONE OF FOUR SELECTEES

MEDICAL SCHOOL:

AOA NATIONAL MEDICAL HONOR SOCIETY

GRADUATE TOP 5% OF CLASS (13/213)

CLASS DAY, JUNE 1975

THE HENRY M. PHILLIPS PRIZE IN SURGERY "FOR THE GRADUATE WHO IS MOST WORTHY,": AWARDED UPON THE RECOMMENDATION OF THE PROFESSOR OF SURGERY.

THE WILLIAM POTTER MEMORIAL PRIZE 2. "TO THAT GRADUATE ATTAINING THE HIGHEST GENERAL AVERAGE IN THE THIRD AND FOURTH YEARS OF THE MEDICAL COURSE." (CLASS RANK 1/213 3RD AND 4TH YEAR)

3. THE W.B. SAUNDERS COMPANY PRIZE "TO THE STUDENT WHO HAS ATTAINED THE HIGHEST SCHOLASTIC AVERAGE FOR THE SENIOR YEAR."

GRADUATED CUM LAUDE

MEDICAL LICENSURE:

CALIFORNIA 1976 MASSACHUSETTS 1980

BOARD CERTIFICATION:

AMERICAN BOARD OF OPHTHALMOLOGY 1981 AMERICAN SOCIETY OF OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY 1982

PROFESSIONAL BACKGROUND

ACADEMIC APPOINTMENTS:

STAFF OPHTHALMOLOGIST DEPARTMENT OF OPHTHALMOLOGY NAVAL HOSPITAL SAN DIEGO, CALIFORNIA 1981 – 7/30/85

HEAD, OCULOPLASTICS SERVICE DEPARTMENT OF OPHTHALMOLOGY NAVAL HOSPITAL SAN DIEGO, CALIFORNIA 1981 – 7/30/85

TEACHING STAFF VETERANS ADMINISTRATION HOSPITAL SAN DIEGO, CALIFORNIA 1981 – SEPTEMBER 1982

SCRIPPS MEMORIAL HOSPITAL LA JOLLA, CALIFORNIA SENIOR STAFF JULY 1985 – PRESENT

POMERADO HOSPITAL POWAY, CALIFORNIA ACTIVE STAFF AUGUST 1985 – PRESENT

SCRIPPS CLINIC LA JOLLA, CALIFORNIA VISITING STAFF AUGUST 1985 – PRESENT

MERCY HOSPITAL SAN DIEGO, CALIFORNIA COURTESY STAFF AUGUST 1985 – PRESENT

CHILDREN'S HOSPITAL SAN DIEGO, CALIFORNIA COURTESY STAFF AUGUST 1985 – PRESENT

UNIVERSITY OF CALIFORNIA, S.D.
DEPARTMENT OF OPHTHALMOLOGY
HEAD, OCULOPLASTIC SERVICE
EFFECTIVE SEPTEMBER 1985 TO SEPTEMBER 1993

ASSISTANT CLINICAL PROFESSOR DEPARTMENT OF OPHTHALMOLOGY UCSD SCHOOL OF MEDICINE SAN DIEGO, CALIFORNIA

MILITARY SERVICE:

"1965" SCHOLARSHIP PROGRAM JEFFERSON MEDICAL COLLEGE 1971 – 1975

LIEUTENANT, MEDICAL CORPS U.S. NAVY 1975

GENERAL MEDICAL OFFICER USS SPERRY JULY 1975 – JUNE 1976

PROMOTION TO LIEUTENANT COMMANDER OCTOBER 1979

PROMOTION TO COMMANDER MAY 1984

HONORABLE DISCHARGE, USN JULY 30, 1985

PROMOTION TO CAPTAIN JULY 1990

CAPTAIN – USNR JULY 1, 1990 – RETIRED OCT. 1999

LECTURES/PAPERS PRESENTED

OPTIC CANAL MENINGIOMAS, NEURO-OPHTHALMOLOGY SYMPOSIUM. UNIVERSITY OF MIAMI. MIAMI BEACH, FLORIDA. JANUARY 1975

ORBITAL DISEASE IN A GENERAL MEDICAL POPULATION, A REVIEW OF 2000 CASES. MASSACHUSETTS EYE AND EAR INFIRMARY ALUMNI MEETING, BOSTON, MASSACHUSETTS SPRING 1981

ORBITAL LYMPHOMA. MASSACHUSETTS EYE AND EAR INFIRMARY ALUMNI MEETING. BOSTON, MASSACHUSETTS SPRING 1982

THE MARCUS-GUNN PHENOMENON. A REVIEW OF 71 CASES. INTERNATIONAL SYMPOSIUM ON EYELID AND ORBITAL SURGERY. SAN FRANCISCO, CALIFORNIA JUNE 1984

FREQUENCY OF ORBITAL DISEASE.
PRESENTED AT THE SEMINAR ON DISEASE
AND SURGERY OF THE ORBIT.
PACIFIC MEDIAL CENTER
SAN FRANCISCO, CALIFORNIA
JUNE 1984

PALPABLE ORBITAL MASSES. A REVIEW OF 336 CASES. OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY MEETING. ATLANTA, GEORGIA. NOVEMBER 1984

EYE CARE FOR THE EMERGENCY ROOM PHYSICIAN. EMERGENCY ROOM SEMINAR, NAVAL HOSPITAL. SAN DIEGO, CALIFORNIA JULY 1984, JULY 1985

COMMON OCULAR DISORDERS, UCSD DEPARTMENT OF ADOLESCENT MEDICINE. JANUARY 1986

EYELID AND LACRIMAL TRAUMA. PRESENTED AT UCSD DEPARTMENT OF PLASTIC SURGERY MONTHLY MEETING. MARCH 1986

COSMETIC BLEPHAROPLASTY, EYELID AND PERIORBITAL RECONSTRUCTION. PRESENTED AT THE AMERICAN SOCIETY FOR DERMATOLOGIC SURGERY, ANNUAL MEETING. RANCHO MIRAGE, CALIFORNIA APRIL 1986

PTOSIS IN CATARACT LENS PATIENTS; CURRENT CONCEPTS, CLAO MEETING. JANUARY 1987

NEW MATERIAL IN OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY. PRESENTED AT UCSD RESIDENTS DAY. JUNE 1987

CONGENITAL PTOSIS. PRESENTED AT UCSD DEPARTMENT OF PLASTIC SURGERY MONTHLY MEETING. MARCH 1988

A NEW WAY TO CORRECT LOWER LID DEPRESSION. PRESENTED AT UCSD <u>RESIDENTS DAY</u>.
JUNE 1988

CORRECTION OF ANOPHTHALMOS WITH HYDROXYAPATITE. PRESENTED AT THE AMERICAN SOCIETY OF OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY ANNUAL MEETING. NEW ORLEANS, LOUISIANA. NOVEMBER 1989.

OCULOPLASTIC UPDATE. PRESENTED TO THE SAN DIEGO COUNTY OPTOMETRIC SOCIETY. AUGUST 1990

COSMETIC EYELID SURGERY. PRESENTED TO MERICOS EYE INSTITUTE ADVISORY BOARD. OCTOBER 1990

UPPER/LOWER EYELID BLEPHAROPLASTY PRESENTED TO DIVISION OF OTOLARYNGOLOGY HEAD AND NECK SURGERY. UCSD. FEBRUARY 1991

NEW TECHNOLOGY IN OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY. PRESENTED AT ANNUAL MERICOS SYMPOSIUM. LA JOLLA, CALIFORNIA. MARCH 1991

ORBITAL PROBLEMS IN DIABETES. PRESENTED AT CALIFORNIA ASSOCIATION OF OPHTHALMOLOGY MEETING. LA JOLLA, CALIFORNIA. MAY 1991

OCULOPLASTIC SURGERY OVERVIEW. PRESENTED AT THE SAN DIEGO CHAPTER OF AMERICAN ASSOCIATION FOR MEDICAL TRANSCRIPTION MEETING. SAN DIEGO, CALIFORNIA. NOVEMBER 1991

FACIAL NERVE PARALYSIS AND THE EYE. PRESENTED AT THE ACOUSTIC NEUROMA ASSOCIATION MEETING.
SAN DIEGO, CALIFORNIA. AUGUST 1992

TRAUMATIC PTOSIS, 11TH ANNUAL EDUCATIONAL CONFERENCE. CALIFORNIA ASSOCIATION OF OPHTHALMOLOGY. DANA POINT, CALIFORNIA. SEPTEMBER 1992

PTOSIS UPDATE. UCSD DEPARTMENT OF PLASTIC SURGERY. SAN DIEGO, CALIFORNIA. NOVEMBER 1992

PERIORBITAL RECONSTRUCTION: BASIC TECHNIQUES. PRESENTED AT 17TH ANNUAL UNIFORMED SERVICES DERMATOLOGY SEMINAR. SAN DIEGO, CALIFORNIA. MAY 1993

COMMON EYELID LESIONS. PRESENTED AT SAN DIEGO COUNTY DERMATOLOGY SOCIETY MEETING. SAN DIEGO, CALIFORNIA. AUGUST 1994

AN OUNCE OF PREVENTION. HOW TO USE NUTRITION TO PREVENT DISEASE. VISTA SCHOOL DISTRICT EMPLOYEES HEALTH LECTURE. VISTA, CALIFORNIA. JANUARY 1995

PEAK PERFORMANCE THROUGH NUTRITION.
T.H.E. CLINIC, PRE NFL COMBINE TRAINING CAMP.
DEL MAR, CALIFORNIA. FEBRUARY 1995

<u>NUTRITION AND THE EYE</u>. PRESENTED AT THE BAJA CALIFORNIA NORTE OPHTHALMOLOGY SOCIETY. TIJUANA, BAJA NORTE. MARCH 1995

<u>NUTRITIONAL SUPPLEMENTATION</u>. PRESENTED AT THE 5TH ANNUAL COSMETIC EYELID REJUVENATION SYMPOSIUM. NEW YORK, NEW YORK. APRIL 1995

OPHTHALMOLOGY POTPOURRI. PRESENTED AT THE SAN DIEGO AAMT. APRIL 1995

NUTRITION AND YOUR SKIN. PRESENTED AT SCRIPPS HOSPITAL MONTHLY NURSES CME MEETING. LA JOLLA, CALIFORNIA. APRIL 1995

SUPPLEMENTS AND THE SKIN. PRESENTED AT STEPHEN BOSNIAK'S COSMETIC SURGERY SYMPOSIUM. NEW YORK, NEW YORK. MAY 1995

PROPER NUTRITION FOR YOUR SKIN AND EYES. EPSI CONFERENCE, UCSD. LA JOLLA, CALIFORNIA. JUNE 1995

NUTRITION/HYDRATION FOR THE ATHLETE. PRESENTED AT T.H.E. SUMMER CAMP. DEL MAR, CALIFORNIA. JULY 1995

PEAK PERFORMANCE THROUGH NUTRITION.
PRESENTED AT T.H.E. CLINIC SUMMER SPORTS
CAMP. DEL MAR, CALIFORNIA. JULY 1995

SYMPOSIUM ON <u>NUTRITION AND OCULAR HEALTH</u> – <u>BREAST CANCER</u>, DONE FOR CASADY'S MARKETS. SAN DIEGO, CALIFORNIA. JULY 1995

NUTRITION AND YOUR EYES. PRESENTED AT SCRIPPS MEMORIAL HOSPITAL WELLNESS CENTER LECTURE. LA JOLLA, CALIFORNIA. OCTOBER 1995

PEAK PERFORMANCE THROUGH NUTRITION.
SOUTHERN CALIFORNIA TENNIS ASSOCIATION
SPORTS MEDICINE CONFERENCE. THRIFTY TENNIS
CENTER, UCLA. WESTWOOD, CALIFORNIA.
NOVEMBER 1995

NUTRITION SUPPLEMENTATION. PRESENTED AT THE 2ND ANNUAL WEST COAST COSMETIC EYELID REJUVENATION SYMPOSIUM. BEVERLY HILLS, CALIFORNIA. DECEMBER 1995

NUTRITION/HYDRATION FOR THE ATHLETE.
PRESENTED AT PRE NFL COMBINE CAMP. T.H.E.
CLINIC. DEL MAR, CALIFORNIA. FEBRUARY 1996

NEW APPROACHES TO THE TREATMENT OF SEVERE LOWER EYELID RETRACTION. VISIONS IN OPHTHALMOLOGY. LA JOLLA, CALIFORNIA. MARCH 1996

COSMETIC BLEPHAROPLASTY. SAN DIEGO DERMATOLOGICAL SOCIETY. SAN DIEGO, CALIFORNIA. MARCH 1996

NUTRITION AND YOUR EYE. VISIONS IN OPHTHALMOLOGY. LA JOLLA, CALIFORNIA. MARCH 1996 (TECHNICAL PROGRAM)

NUTRITION AND THE IMMUNE SYSTEM - NUTRITION AND RECOVERY FROM ALCOHOLISM. UCSD EXTENSION COURSE. LA JOLLA, CALIFORNIA. SPRING 1997

BLEPHAROPLASTY COMPLICATIONS - NUTRITION AND WOUND HEALING. UCSD DEPARTMENT OF HEAD AND NECK SURGERY.
LA JOLLA, CALIFORNIA. SPRING 1997

NUTRITION AND YOUR SKIN - TEAMING UP WITH HEALTHY FAT. AMERICAN SOCIETY OF AESTHETICIANS. NEW ORLEANS, LOUISIANA. AUGUST 1997

<u>HEALTH BENEFITS OF LUTEIN</u>. CRN CONFERENCE. LAGUNA, CALIFORNIA. SEPTEMBER 1997

THE ROLE IN DIET, SKIN CARE AND EYE CARE IN JUNIOR/ADULT TENNIS. SPORTS SCIENCE CONFERENCE. U.S.T.A., SOUTHERN CALIFORNIA SECTION. SAN DIEGO, CALIFORNIA. OCTOBER 4, 1997

CELLULAR HEALTH IN THE HUMAN VISUAL SYSTEM; PREVENTION OF AGE-RELATED MACULAR DEGENERATION; ANTIOXIDANTS AND DIABETES MELLITUS. PUERTO RICO SOCIETY OF OPHTHALMOLOGY. OCTOBER 1997.

NUTRITION AND AGE-RELATED MACULAR DEGENERATION. DUTCH SOCIETY OF OPHTHALMOLOGY. HOLLAND, MARCH 1998

NUTRITION AND AGE-RELATED MACULAR DEGENERATION. PRESENTED AT SYMPOSIUMS IN MEXICO CITY, VERA CRUZ, GUADALAJARA AND LEONE, MEXICO. JUNE 1998

NUTRITION AND AGE-RELATED MACULAR
DEGENERATION. PRESENTED AT SYMPOSIUMS
THROUGHOUT ARGENTINA. JULY 1998

AGE-RELATED MACULAR DEGENERATION RISK FACTORS. MEXICO SOCIETY OF OPHTHALMOLOGY ANNUAL MEETING. LEONE, MEXICO. AUGUST 1998

HEALTH BENEFITS OF LUTEIN. TOKYO HEALTH FOOD SYMPOSIUM. JAPAN, SEPTEMBER 1998

WHAT ABOUT NUTRITIONAL SUPPLEMENTS, SAN DIEGO COUNTY DENTAL MEETING, SAN DIEGO CA, FEBRUARY 1999

HEALTH BENEFIT OF LUTEIN, NUTRACEUTICALS AND MEDICINE CONFERENCE, SPONSORED BY THE AMERICAN NUTRACEUTICAL ASSOC, SAN DIEGO CA, MARCH 1999

WHAT WE KNOW ABOUT AMD AND NUTRITION, ARVO MEETING, FORT LAUDERDALE, FLORIDA, MAY 1999

PREVENTION OF MACULAR DEGENERATION, U.S. SENATE - SPECIAL COMMITTEE ON AGING, WASHINGTON, D.C., JUNE 10, 1999

HEALTH BENEFITS OF LUTEIN AND ZEAXANTHIN, WHITEHALL-ROBINS CORPORATE GROUP – 1 DAY SYMPOSIA, MORRISTOWN, NJ, JULY 1999

NUTRITIONAL THERAPIES AND PREVENTION OF AMD-CATARACTS, DOHENY EYE INSTITUTE, LOS ANGELES, CA, OCTOBER 1999

NUTRITION AND OCULAR HEALTH, AAO MEETING, ALCON BOOTH, ORLANDO, FL, OCTOBER 1999

NUTRITION'S ROLE IN OPTIMAL SKIN HEALTH, AMERICAN ASSOCIATION OF AESTHETICIANS, SAN ANTONIO, TX, NOVEMBER 1999

NUTRITION AND OCULAR HEALTH, BELGIUM ACADEMY OF OPHTHALMOLOGY, BRUSSELS, BELGIUM, NOVEMBER 1999

LIVING TO SEE YOUR KIDS TURN 100, INTERNATIONAL MEDICAL AESTHETICS SYMPOSIUM 2000, PARK CITY, UT

HEALTH BENEFITS OF LUTEIN/ZEAXANTHIN (AMD AND NUTRITION), INTERMOUNTAIN HEALTH CARE, SALT LAKE CITY, UT, FEBRUARY 18, 2000

ANTIOXIDANT – MICRONUTRIENT INTERACTIONS AND DISEASE PREVENTION, NUTRITIONALS 2000, ANAHEIM, CA, FEBRUARY 2000

NUTRITION FOR THE GOLFER – IMPROVE YOUR GAME, GOLF MEDICINE, LA JOLLA, CA, MARCH 2000

NUTRITION AND OCULAR HEALTH, INTERLENS MEETING, SWITZERLAND, MAY 21-22, 2000

NUTRITION AND OCULAR HEALTH, ALCON NORWAY, OSLO, MAY 25, 2000

HEALTH BENEFITS OF LUTEIN AND ZEAXANTHIN, PALERMO (i.e. ANISI CONFERENCE) AND LONDON, SEPTEMBER 2000

<u>CAROTENOID SAFETY AND INTERACTIONS</u>, 7TH INTERNATIONAL CONGRESS ISOT, SEPTEMBER 2000

SAFETY OF VITAMIN AND MINERAL SUPPLEMENTS, 7^{TH} INTERNATIONAL CONGRESS ISOT, SEPTEMBER 2000

QUALITY OF LIFE WITH FOCUS ON ANTIOXIDANTS, AMERICAN ACADEMY OF OPHTHALMOLOGY, DALLAS, TX, OCTOBER 2000

RETOXIL – ICAPS-L, AMD STUDY GROUP, ALCON LABS, AAO, DALLAS,TX, OCTOBER 2000

<u>NUTRITION ALL-STARS</u>, SCRIPPS WELLNESS, HAWAII, NOVEMBER 2000

LUTEIN AND THE EYE, AND, THE WAY FORWARD (TWO TALKS PRESENTED), ROUNDTABLE DISCUSSION ON AMD, ROYAL COLLEGE OF MEDICINE, UK, JUNE 2001

NUTRITION FOR LONGEVITY, RENEWING MIND, BODY AND SOUL CONFERENCE, SCRIPPS CENTER FOR INTEGRATIVE MEDICINE, HAWAII, NOVEMBER 2001

PREVENTION OF DEGENERATIVE EYE DISEASE: 20/20 FOR LIFE, RENEWING MIND, BODY AND SOUL CONFERENCE, SCRIPPS CENTER FOR INTEGRATIVE MEDICINE, HAWAII, NOVEMBER 2001

NUTRITION AND EYE HEALTH, UTAH PHARMA-CEUTICAL ASSOCIATION, SALT LAKE CITY, UT, NOVEMBER 2001

RISK FACTORS FOR EYE DISEASE AND EVIDENCE FOR NUTRITION PREVENTION, NUTRITION VISION, LONDON, DECEMBER 2001

RISK FACTORS AND PREVENTATIVE MEASURES FOR AMD PLUS TREATMENT OPTIONS, AAO, PHILADELPHIA, PA, DECEMBER 2001

THE ROLE OF VITAMINS / ANTIOXIDANTS ON PREVENTION OF CATARACTS VS. DANGERS OF HYPERVITAMINOSIS – A DIETARY COMMON SENSE, ISOPP, SEVILLE, SPAIN, MARCH 2002

NUTRITIONAL THERAPIES FOR DRY EYE SYNDROME, ISOPP, SEVILLE, SPAIN, MARCH 2002

THE NATURAL APPROACH TO CATARACT
PREVENTION, NATIONAL CONGRESS OF OCULAR
PHARMACOLOGY, CATANIA, SICILY, MAY 2002

AREDS AND AGE-RELATED MACULAR DEGENERATION, FLORIDA OPTOMETRIC ASSOCIATION, ORLANDO, FL, JULY 2002

<u>PERFORMANCE THROUGH NUTRITION</u>, THE SPORTS BASEMENT, SAN FRANCISCO, CA, JULY 2002

COSMETIC BLEPHAROPLASTY AND PERIOCULAR SURGERY, JULY 2002

<u>NUTRITIONAL THERAPY FOR DRY EYE SYNDROME,</u> ORA, BOSTON, MA, AUGUST 2002

<u>NUTRITION AND OCULAR HEALTH,</u> USANA CONVENTION, SALT LAKE CITY, UT, AUGUST 2002

ADVANCES IN THE DIFFERENTIAL DIAGNOSIS AND MANAGEMENT OF OCULAR ALLERGY, ALCON, SEPTEMBER 2002

PINGUECULA AND PTERYGIA, CANJI, OCTOBER 2002

NUTRITION FOR LONGEVITY, RENEWING MIND, BODY AND SOUL CONFERENCE, HAWAII, NOVEMBER 2002

PREVENTION OF DEGENERATIVE EYE DISEASE: 20/20 FOR LIFE, RENEWING MIND, BODY AND SOUL CONFERENCE, HAWAII, NOVEMBER 2002

GOOD FAT, BAD FAT, WHAT'S THE SKINNY? DESTINATION HEALTH, NOVEMBER 2002

NUTRITION AND OCULAR HEALTH
FLORIDA OPTOMETRIC ASSOCIATION, JULY 2003

COSMETIC BLEPHAROPLASTY AND PERIOCULAR SURGERY, JULY 2003

ALLERGIC CONJUNCTIVITIS, CHICAGO OPTOMETRICS, OCTOBER 2003

OCULAR ALLERGY, CHICAGO, OCTOBER 2003

GOOD FAT, BAD FAT, WHAT'S THE SKINNY? CHICAGO, OCTOBER 2003

NUTRITION AND OCULAR HEALTH CHICAGO, OCTOBER 2003

NUTRITIONAL THERAPY FOR DRY EYE SYNDROME CHICAGO, OCTOBER 2003

MACULAR DEGENERATION FAMILIAR TIES & RESEARCH UPDATES, SCRIPPS MEMORIAL HOSPITAL LA JOLLA, JANUARY 2004

SUPERFOODS R_X--FOURTEEN FOODS THAT WILL CHANGE YOUR LIFE, SCHAETZEL CENTER, SCRIPPS MEMORIAL HOSPITAL, LA JOLLA, FEBRUARY 2004

SUPERFOODS R_X--FOURTEEN FOODS THAT WILL CHANGE YOUR LIFE, YPO, MARCH 2004

NUTRITION AND OCULAR HEALTH, LAS VEGAS, MARCH 2004

EYELID AND PERIORBITAL RECONSTRUCTION, LA JOLLA, JUNE 2004

SUPERFOODS R_X—FOURTEEN FOODS THAT WILL CHANGE YOUR LIFE, NBC HEALTH FAIR, SEPTEMBER 2004

<u>LIFESTYLE CHOICES AND YOUR WEIGHT</u>, SCRIPPS MEMORIAL HOSPITAL GRAND ROUND, SEPTEMBER 2004

<u>DIET TRENDS—WHAT WORKS, WHAT'S HEALTHY,</u> DESTINATION HEALTH, RENEWING MIND, BODY AND SOUL, NOVEMBER 2004

SUPERFOODS R_X—FOURTEEN FOODS THAT WILL CHANGE YOUR LIFE, DESTINATION HEALTH, RENEWING MIND, BODY AND SOUL, NOVEMBER 2004

SUPERFOODS R_X—THE ROLE OF ANTI-OXIDANTS AND SUPER NUTRIENTS IN HEALTH PROMOTION AND DISEASE PREVENTION, JANUARY 2005

SUPERFOODS R_X—FOURTEEN FOODS THAT WILL CHANGE YOUR LIFE, RANCHO LA PUERTA, JANUARY 2005

NUTRITION AND OCULAR HEALTH, RANCHO LA PUERTA, JANUARY 2005

HEALTHY LIFESTYLE CHOICES FOR THE "LONG HAUL", RANCHO LA PUERTA, JANUARY 2005

<u>SLEEP AND YOUR HEALTH,</u> RANCHO LA PUERTA, JANUARY 2005

RADIO AND TELEVISION APPEARANCES

WORKING WELL RADIO TALK SHOW, NUTRITION GUEST LECTURER. JANUARY AND JUNE 1995

CHANNEL 8 TELEVISION: (1) NUTRITION AND MACULAR DEGENERATION, NOVEMBER 1995; (2) NUTRITION AND THE ATHLETE, JANUARY 1997; (3) COMMENTS ON USDA APPROVAL OF YOGURT AS A MEAT SUBSTITUTE IN THE SCHOOL LUNCH PROGRAMS. MARCH 3, 1997.

KUSI CHANNEL 51: (1) NUTRITION AND THE EYE, FEBRUARY 1998; (2) COSMETIC EYELID SURGERY, APRIL 1998; (3) NEW MEDICATIONS IN GLAUCOMA THERAPY, AUGUST 1998. (4) LASER VISION CORRECTION, NOVEMBER 1998

NATIONWIDE MEDIA TOUR FOR NUTRITION AND THE EYE. T.V. AND RADIO APPEARANCES IN LAS VEGAS, SAN DIEGO, HOUSTON, ATLANTA, DENVER AND TAMPA FOR KEMIN INDUSTRIES. JANUARY – NOVEMBER 1998

"SUN TOUR" (SUN AND ITS RELATION TO OCULAR AND SKIN HEALTH), NOVEMBER 1998. NEW YORK CITY (INTERVIEWS WITH VOGUE, COSMOPOLITAN, EBONY, SELF, WOMEN'S FITNESS), FOR KEMIN INDUSTRIES

FACIAL COSMETIC SURGERY, CHANNEL 8 NEWS, (TELEVISION) SAUNDRA MOSS, MAY 1999

TELEVISED INTERVIEW WITH CNN HEALTHWATCH, PREVENTION OF MACULAR DEGENERATION, JULY 1999

"BREAKFAST WITH BAUER", KPOP 1360 AM, SAN DIEGO, CA, SEPT 4, 2001

SUPERFOODS RX—FOURTEEN FOODS THAT WILL CHANGE YOUR LIFE: APPEARANCES ON THE OPRAH SHOW, CNN, THE VIEW, WEEKEND TODAY SHOW AND MULTIPLE OTHERS.

PUBLICATIONS

MARCUS-GUNN PHENOMENON, REVIEW OF 71 CASES. STEVEN G. PRATT, M.D., CHARLES K. BEYER, M.D., CARL CORDES JOHNSON, M.D. OPHTHALMOLOGY, 1984. 91:27-30.

NEW INSTRUMENTS IN OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY. CHARLES K. BEYER-MACHULE, M.D., STEVEN G. PRATT, M.D., SUSAN HUGHES, M.D. <u>OPHTHALMOLOGY</u>. IN PRESS.

PALPABLE ORBITAL MASSES, A REVIEW OF 300 CASES. STEVEN G. PRATT, M.D., RICHARD DALLOW, M.D. SUBMITTED FOR PUBLICATION.

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EVISCERATION TECHNIQUES. STEVEN G. PRATT, M.D. ADVANCES IN OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY. PERGAMON PRESS. NEW YORK, VOL 7. 1988, 247-253.

ORBITAL DISEASE IN A GENERAL MEDICAL POPULATION, A REVIEW OF 2000 CONSECUTIVE CASES. RICHARD DALLOW, M.D., STEVEN G. PRATT, M.D. <u>PRINCIPLES AND PRACTICE OF OPHTHALMOLOGY</u>. VOL. 3, ALBERT AND JAKOBEIC, EDITORS, W.B. SAUNDERS, 1993.

MOHS MICROGRAPHIC EXCISION OF SEBACEOUS CARCINOMA OF THE EYELIDS. J DERMATOL SURG ONCOL 20(8):523-9, AUGUST 1994

WHAT WE NOW KNOW ABOUT AMD AND NUTRITION. REVIEW OF OPHTHALMOLOGY 5(8):42-49, AUGUST 1998.

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"PROTECT YOUR PATIENTS FROM VITAMIN TOXICITY". REVIEW OF OPHTHALMOLOGY VI(8):104-7, AUGUST 1999

"DIETARY PREVENTION OF AGE-RELATED MACULAR DEGENERATION". OPTOMETRY TODAY (INCORP. THE SCOTTISH OPTM.), OCT 22, 1999

PERFORMANCE THROUGH NUTRITION. STEVEN G. PRATT M.D., MICHAEL S. PRATT, HOWARD HUNT Ph.D., WINTER 2000, IN PRESS

"FRUIT AND VEGETABLE MICRONUTRIENTS IN DISEASES OF THE EYE", STEVEN G PRATT, AND "VITAMINS AND MICRONUTRIENTS IN AGING AND PHOTOAGING SKIN", GREENWAY, HT, PRATT, SG, IN: <u>VEGETABLES, FRUITS, AND HERBS IN HEALTH</u> <u>PROMOTION, ED. RONALD R WATSON Ph.D., BOCA</u> RATON, FL: CRC PRESS, 2001; 85-98, 109-116.

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PRATT S, MATHEWS K. <u>SUPERFOODS RX FOURTEEN</u> FOODS THAT WILL CHANGE YOUR LIFE. 1ST ED, WILLIAM MARROW, AN IMPRINT OF HARPER COLLINS PUBLISHERS, 2004. (NATIONAL BEST SELLER)

AUTHOR OF MONOGRAPHS

- WHY TAKE ANTIOXIDANTS?
- TEAM-UP WITH THE HEALTHY FATS
- TEAMING UP WITH POLYPHENOLIC FLAVONOIDS
- THE MAGNIFICENT SOYBEAN
- HOW TO BOOST YOUR IMMUNE SYSTEM NATURALLY
- EXERCISE AND YOUR IMMUNE SYSTEM
- NUTRITION AND BREAST CANCER
- NUTRITION AND YOUR SKIN
- NUTRITION AND YOUR EYE: CATARACTS
- NUTRITION AND YOUR EYE: MACULAR DEGENERATION
- SPINACH NUTRITIONAL ALL-STAR
- WATERMELON NUTRITIONAL ALL-STAR
- CANTALOUPE NUTRITIONAL ALL-STAR
- NUTRITIONAL ALL-STARS
- NUTRITION AND PROSTATE CANCER
- NUTRITION AND COLON CANCER
- NUTRITION AND HYPERTENSION
- PREVENTING DIABETES MELLITUS
- ANTIOXIDANTS AND DIABETES MELLITUS
- PREVENTING OSTEOPOROSIS
- NUTRITION, ALCOHOL AND YOUR IMMUNE SYSTEM

OTHER SIGNIFICANT ACTIVITIES

YOUTH SOCCER COACH 1980—1988, 1991—1992

LITTLE LEAGUE BASEBALL COACH 1980—1988

BOY SCOUTS WEBELOS LEADER

1982-1985

PRIVATE INVESTIGATOR STEIN INVESTIGATION AGENCY LOS ANGELES, CALIFORNIA SUMMER 1966, 1967

RECREATION LEADER LOS ANGELES COUNTY JUVENILE DETENTION CAMP MONROVIA, CALIFORNIA. 1967

MEMBER, STATE BOARD OF MEDICAL EXAMINERS, CALIFORNIA. 1983 – PRESENT

EMERGENCY ROOM PHYSICIAN L.A. INTERNATIONAL AIRPORT LOS ANGELES, CALIFORNIA. 1976-1977

EMERGENCY ROOM PHYSICIAN RIDGECREST COMMUNITY HOSPITAL RIDGECREST, CALIFORNIA. 1981-1986

STAFF PHYSICIAN (NIGHTS)
FAMILY PRACTICE CLINIC
KAISER PERMANENTE HOSPITAL, CLINIC
ZION STREET, SAN DIEGO, CALIFORNIA
1982-1983

STAFF PHYSICIAN (NIGHTS)
OPHTHALMOLOGY DEPARTMENT
KAISER PERMANENTE HOSPITAL, CLINIC
ZION STREET, SAN DIEGO, CALIFORNIA
1983-1986

OPHTHALMIC PLASTIC SURGERY UPDATE COURSE DIRECTOR, NAVAL HOSPITAL OAKLAND, CALIFORNIA. MARCH 1984

MONTHLY TEACHING LECTURES TO USN AND UCSD RESIDENTS, SEPTEMBER 1985-SUMMER 1992

EYELID AND PERIORBITAL ANATOMY, PERIOCULAR RECONSTRUCTIVE SURGERY UPDATE. PRESENTED AT SUPERFICIAL ANATOMY AND CUTANEOUS SURGERY FOR THE DERMATOLOGIST. UCSD SCHOOL OF MEDICINE. TOPICS: COSMETIC BLEPHAROPLASTY, EYELID RECONSTRUCTION. YEARLY: 1984 – PRESENT.

UPPER EYELID MEDIAL CANTHUS/CANALICULAR SYSTEM RECONSTRUCTION, PRESENTED AT CUTANEOUS MALIGNANCIES, 1991. SKIN CANCER UPDATE. SAN DIEGO, CALIFORNIA YEARLY: JANUARY 1991 – PRESENT

BOARD OF DIRECTORS

SAN DIEGO EYE BANK 1991 – 12/31/97

CHAIRMAN, PUBLIC RELATIONS COMMITTEE 1995 VICE PRESIDENT 1997

CO-FOUNDER AND PRESIDENT FULL SPECTRUM PRODUCTS, INC. FEBRUARY 1994 – PRESENT

EDITOR OF FULL SPECTRUM PRODUCTS MONTHLY HEALTH AND FITNESS NEWSLETTER

SPORTS SCIENCE COMMITTEE, SAN DIEGO TENNIS PATRONS, DIET AND NUTRITION SUBCOMMITTEE CHAIRMAN. 1996 – PRESENT

HEALTH FROFESSIONS MENTOR PROGRAM (HPMP), UNIVERSITY OF CALIFORNIA, SAN DIEGO, 1999-2000

CHAIRMAN – ROUNDTABLE DISCUSSION ON AMD, ROYAL COLLEGE OF MEDICINE, UK, JUNE, 2001

CONSULTANT:

ALCON LABORATORIES, INC.

NATURAL ALTERNATIVES INTERNATIONAL

AMERICAN HOME PRODUCTS

KEMIN FOODS, L.C.

MACULAR DEGENERATION PARTNERSHIP, 2000

SOCIETY MEMBERSHIPS

- AMERICAN MEDICAL ASSOCIATION
- AAO NATIONAL MEDICAL HONOR SOCIETY
- AMERICAN ACADEMY OF OPHTHALMOLOGY
- AMERICAN SOCIETY OF CATARACT AND

REFRACTIVE SURGERY

- AMERICAN SOCIETY OF OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY
- AND RECONSTRUCTIVE SURGER
- DR. MEYER WEINER SOCIETY
- FELLOW, AMERICAN COLLEGE OF SURGEONS
- INTERNATIONAL SOCIETY OF OCULAR

TOXICOLOGY

- NATIONAL WILDLIFE ASSOCIATION
- OPHTHALMOLOGICAL ASSOCIATE OF RESEARCH TO PREVENT BLINDNESS, INC.
- THE OXYGEN SOCIETY
- THE WORKING GROUP ON NUTRITION AND THE MACULA
- INTERNATIONAL SOCIETY OF OCULAR TOXICOLOGY

RESEARCH ACTIVITIES

EVOKED RESPONSE AUDIOMETRY, WITH IN MIN YOUNG, M.D., PROFESSOR OF AUDIOLOGY AND

OTOLARYNGOLOGY, JEFFERSON MEDICAL COLLEGE, SUMMER-FALL 1972

MYOCUTANEOUS FLAPS FOR REPAIR OF EYELID DEFECTS. MONKEY EXPERIMENTAL MODEL, WITH DR. CHARLES STEPHENSON, 1979-1980. UNPUBLISHED.

ANTIOXIDANT/ SPF/ SKIN RELATIONSHIPS. PILOT STUDY WITH DR. HUGH GREENWAY M.D., SCRIPPS CLINIC AND RESEARCH CENTER/ DEPT. OF DERMATOLOGY, LA JOLLA CA., SUMMER 1999

DIRECTOR, LA JOLLA VISION RESEARCH LAB, 9850 GENESEE, SUITE 700, LA JOLLA, CA 92037. ONGOING RESEARCH REGARDING THE <u>PREVENTION OF AMD AND CATARACTS</u>. CURRENT RESEARCH STUDIES INCLUDE THE IMPACT OF LASER VISION CORRECTION ON MACULAR PIGMENT DENSITY AND PSYCHOPHYSICAL RISK FACTORS OF CHILDREN HAVING ONE OR BOTH PARENTS WITH AMD. SEE SUBMITTED ARVO ABSTRACT (2002) FOR FIRST RESEARCH PUBLICATION FROM THIS LAB.

PATENTS

CO-INVENTOR OF PLANO-ASPHERIC SUNGLASS LENS, PATENT #: 5,835,186

CO-INVENTOR OF DECENTRATION METHOD FOR WRAPPED SUNGLASS LENS, PATENT #: 6,036,315

PATENT PENDING FOR (AMBER GLOW) BLUE-LIGHT FILTRATION LENS

ADDITIONAL INTERESTS

TENNIS

SKIING GARDENING BASKETBALL RACQUETBALL CAMPING

PAINTING

WILDLIFE CONSERVATION

SCULPTURE

NUTRITION/LONGETIVITY/SPORTS MEDICINE

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